

## **PRODUCT INFORMATION**

IL1R2 **Target** 

IL1RB; CD121b; IL1R2c; CDw121b; IL-1R-2; **Synonyms** 

IL-1RT2; IL-1RT-2

Recombinant human IL1R2 Protein with C-**Description** 

terminal mouse Fc tag

Delivery In Stock **Uniprot ID** P27930 **Expression Host HFK293** 

C-mouse Fc tag Tag

Molecular

**Background** 

IL1R2(Phe14-Glu343) mFc(Pro99-Lys330) Characterization

The protein has a predicted molecular mass of

64.0 kDa after removal of the signal peptide. The apparent molecular mass of IL1R2-mFc is **Molecular Weight** 

approximately 70-130 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue **Purity** 

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1

receptor family. This protein binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I(IL1R1/IL1RA), and acts as a decy protein that inhibit repeated to of its ligands. Interleukin 4 (IL4) is reported to antagonize the activity of interleukin 1 by inducing the expression and release of this

cytokine. This gene and three other genes form a cytokine receptor gene cluster on chromosome 2q12. Alternative splicing results in multiple transcript variants and protein isoforms.

Alternative splicing produces both membranebound and soluble proteins. A soluble protein is also produced by proteolytic cleavage. [provided by RefSeq, May 2012]

**Usage** Research use only Unconjugated Conjugate







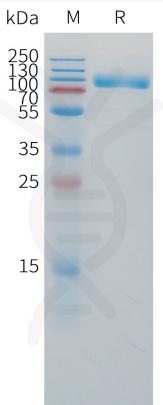


Figure 1. Human IL1R2 Protein, mFc Tag on SDS-PAGE under reducing condition.



